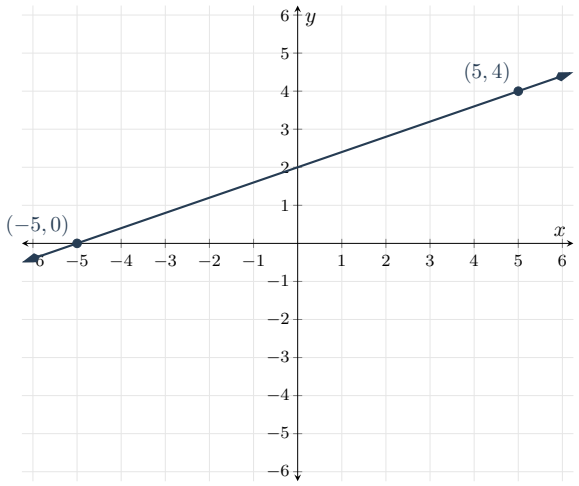

Exercise 1

(a) *The slope of this line is*

Multiple Choice:

(i) *positive because y is increasing* ✓
(ii) *positive because y is decreasing*
(iii) *negative because y is increasing*
(iv) *negative because y is decreasing*

(b) *The slope of this line is* $m = \boxed{2/5}$.

Hint: *Recall that the slope of the line is the rate of change between any two data points on the line,* $m = \dfrac{\Delta y}{\Delta x}$.

(c) *The y-value of the point corresponding to $x = 9$ is* $\boxed{28/5}$.

Hint: *How much y increases if x increases by 1? How much does y increase if x increases by 4?*